ABSTRACT:

In a filter arrangement for filtering digital data comprising synchronizing information, in which the arrangement operates in a system clock, an orderly data transfer for a rapid synchronization after disturbance of the data is ensured in that the arrangement comprises a first filter (1) and a second, succeeding filter (2) which supplies the output signal of the arrangement, in that the first filter (1) receives at least the synchronizing information comprised in the data and the second filter (2) receives the output signal of the first filter (1) as well as the digital data, in that the first filter (1) searches synchronizing information in a cyclically repeating process, passes on this information to its output, subsequently blocks all possibly occurring synchronizing information during a predetermined number of system clock pulses, and, after finishing the predetermined number of system clocks, again searches and passes on the next synchronizing information, and in that the second filter (2) takes over a predetermined number of data from the data signal in a cyclically repeating process from synchronizing information supplied by the first filter (1), and passes on these data to its output and blocks subsequent data until the next synchronizing information supplied by the first filter (1), from which synchronizing information the predetermined number of data is taken over again from the data signal and passed on to the output.

Figure.